

WHAT IS CLAIMED IS:

1. A sealing element which is interposed between the opening face of a fitted element and a fitting element and elastically deformable so as to prevent leakage from the interior and entrance from the exterior, comprising:

5 an endless portion;
a flexible protruding part projected approximately obliquely outwards from the periphery of the endless portion;
and

10 a fitting means having a notch or projection formed on at least one of the obverse and reverse sides of the endless portion.

2. The sealing element according to Claim 1, wherein a
15 rounded projection is formed at the distal end of the protruding part.

3. The sealing element according to Claim 1, wherein the fitting means comprises a plurality of fitting ribs, and among
20 the plurality of fitting ribs, the fitting rib located closest to the entrance side of a fit-holding portion formed on the opening face of the fitted element or on the fitting element side are higher than those located on the interior side of the fit-holding portion.

4. The sealing element according to Claim 2, wherein the fitting means comprises a plurality of fitting ribs, and among the plurality of fitting ribs, the fitting rib located closest to the entrance side of a fit-holding portion formed on the opening face of the fitted element or on the fitting element side are higher than those located on the interior side of the fit-holding portion.

5 10 5. The sealing element according to Claim 1, wherein the protruding part is set curved inwardly in the direction of squeezing so that the curved portion of the protruding part comes into contact with the contact surface of the fitted element or the contact surface of the fitting element.

15 6. The sealing element according to Claim 2, wherein the protruding part is set curved inwardly in the direction of squeezing so that the curved portion of the protruding part comes into contact with the contact surface of the fitted element or the contact surface of the fitting element.

20 25 7. The sealing element according to Claim 3, wherein the protruding part is set curved inwardly in the direction of squeezing so that the curved portion of the protruding part comes into contact with the contact surface of the fitted element or the contact surface of the fitting element.

8. The sealing element according to Claim 4, wherein the protruding part is set curved inwardly in the direction of squeezing so that the curved portion of the protruding part comes into contact with the contact surface of the fitted element or the contact surface of the fitting element.

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9. A hermetic container comprising:

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a container body having an opening face;
a door element to be detachably fitted to the opening face of the container body; and
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an elastically deformable sealing element interposed between the opening face and the door element, characterized in that a fit-holding portion is formed by notching either the inner periphery of the opening face of the container body or the outer periphery of the door element, and the sealing element comprises: an endless portion to be fitted into the fit-holding portion; a flexible protruding part projected from the endless portion, obliquely and outwardly with respect to the opening face of the container body, forming a substantially acute angle between itself and the contact surface of the door element or the contact surface of the opening face of the container body; and a fitting means having a notch or projection formed on at least one of the obverse and reverse sides of the endless portion and fitted
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in contact with the compartmentalized inner wall of the fit-holding portion.

10. The hermetic container according to Claim 9, wherein
5 the sealing element is formed using a fluororubber
composition.

11. A sealing method of a hermetic container, for sealing
a hermetic container using a container body having an opening
face, a door element to be detachably fitted to the opening
face of the container body, a fit-holding portion formed by
notching either the inner periphery of the opening face of
the container body or the outer periphery of the door element
and an elastically deformable sealing element fitted in the
15 fit-holding portion and interposed between the container body
and the door element,

characterized in that the sealing element is comprised of
an endless portion to be fitted to the fit-holding portion,
flexible protruding part extended from the endless portion
20 and a fitting means having a notch or projection formed on
at least one of the obverse and reverse sides of the endless
portion and fitted in contact with the compartmentalized inner
wall of the fit-holding portion, the protruding part of the
sealing element is extended approximately obliquely and
25 outwardly with respect to the opening face of the container

body so as to form a substantially acute angle between itself and the contact surface of the door element or the contact surface of the opening face of the container body, and the protruding part of the sealing element is curved outwards with respect to the opening face of the container body to establish sealing when the door element is closed.

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